Z/032/61/011/006/003/004 E073/E335

Equipment for Testing

speed variation can be obtained. The photograph, Fig. 1, shows the overall arrangement of the equipment; the operating range of the machinery has been so chosen that for a 6 mm dia. specimen of a strength up to 120 kg/mm the minimum speed should be comparable with that of pendulum impact test machines, i.e. 5 m/sec. The maximum theoretical speed is 219.8 m/sec. The practically achieved maximum speed was measured at 187.3 m/sec. The disc is 650 mm in diameter. 40 mm wide at the rim and its mass is large enough to prevent reduction of the minimum speed during fracturing of the specimen by more than 1.4%. The theoretically permissible maximum r.p.m. are 6 000. Fig. 6 is a dimensional sketch of the dynamometer (odporový tenzometr = strain gauge). Fig. 7 is a dimensional sketch of the test specimen. strain gauges are of Czech manufacture. For several Czech steels the loading force - time diagrams were recorded oscillographically and these oscillograms enable determining the influence of the loading speed on the mechanical properties and determining the time required for achieving

Card 2/6

Equipment for Testing

Z/032/61/011/006/003/004 E073/E335

limit states. Very good agreement was obtained between the theoretical relations derived on the basis of the dislocation theory of Cottrell and Campbell, who investigated the influence of the loading speed and temperature on the yield point of low-carbon steels, and experimental results obtained at test temperatures between +21 °C and -60 °C. The plot, Fig. 10, shows theoretical curves (Curves 1), theoretical curves according to Campbell (Curves 2) and experimental values (0) measured by the author. There are 10 figures, 2 tables and 16 references: 3 Czech and 15 non-Czech. The four latest English-language references are: Ref. 6 - Clark, 1947, ASTM, Proceedings, Sec. 47; Ref. 13 - Gibson, 1952, Proc. Inst. mech. Eng., No. 1; Ref. 15 - Hendrickson, 1958, Trans. ASM, No. 50 and Ref. 16 - Clark, 1949, ASTM, Proceedings, No. 49.

ASSOCIATION: LZ, Pilsen

Card 3/6

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

L 22066-66 EWP(w)/T/EWP(t) SOURCE CODE: CZ/9034/65/000/004/0261/0267 ALC NK: AP6010702 AUTHOR: Kermes, Jaroslav (Engineer; Candidate of sciences) ORG: Research and Testing Institute, ZVIL, Plzen (Vyzkumny a zkusebni ustav ZVIL) B TITLE: Effect of some metallurgical factors on the mechanical properties of rolled 44,55 18 products of great thickness SOURCE: Hutnicke listy, no. 4, 1965, 261-267 TOPIC TAGS: aluminum, solid solution, metal property, solid mechanical property, steel, titanium, metallurgic furnace The properties of ABSTRACT: the product are basically a function of the metallurgical properties of the metal. The most important single factor is the Al content of the metal; the optimum amount should be present as a solid solution in the metal. The property influenced to the greatest extent is the notch toughness. The process must be conducted so that the required amount of aluminum be present in solution; simply adding the suitable amount of Al to the charge is not enough. 1 kg of Al and 0.5 kg of Ti per ton of steel are usually adequate for open hearth furnace heats and atmospheric pressure teeming. For electric furnace heats, and for ingot easting into evacuated molds, the amounts should be checked for individual equipment, and suitably modified. Orig. art. has: 13 figures and 8 tables. [JPRS] 11 / SUBM DATE: none / ORIG REF: 008 / SOV REF: 002 669.18 UDC: 621.944.3-412:

KERMOYAN, Diran V.,

- "The Conductivity of Sodium Aluminate Solutions" by Kermoyan, M. G. Manveylan, and L. G. Shaginyan, <u>Izvestiya</u>, Armenian Academy of Sciences, X,5, 305-313, 1957.
- "The Conductivity of Concentrated Solutions of Sodium and Potassium Hydroxides, Their Carbonates, and Mixtures of NaOH and KOH at 25' by Kermoyan, Manvelyan, A. G. Eganyan, and A. M. Kocharyan, <u>Izvestiya</u>, Armenian Academy of Sciences, VIII, 4, 73-78, 1955.
- "Effect of Temperature on Electric Conductivity of Concentrated Solutions of NaOH, KOH, Na2CO3, and K2CO3" by Kermoyan, Manveylan, Eganyan and Kocharyan, Izvestiya, Armenian Academy of Sciences, IX, 2, 3-12, 1956.
- "Study of the Electric Conductivity of Solutions of Sodium Silicate" by Kermoyan, Manvelyan, and Eganyan, <u>Izvestiya</u>, Armenian Academy of Sciences, X, 4, 225-236, 1957.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

of high life in this his thanks was manufactured to the con-

S/0032/64/000/005/0631/0632

ACCESSION NR: AP4035096

AUTHORS: Vatolin, N. A.; Kern, E. M.

TITLE: Apparatus for measuring the density of molten metals at high temperatures

SOURCE: Zavodskaya laboratoriya, no. 5, 1964, 631-632

TOPIC TAGS: molten metal density, density measurement, high melting metal, amperovoltmeter Ts 315

ABSTRACT: An apparatus was developed for determining the density of molten metals and alloys with high melting points. It operates by measuring the level melt and represents an improvement on the apparatus designed by D. A. Petrov and V. M. Glazov (Zavodskaya laboratoriya, XXIV, 1, 34, 1958). In the improved model (see Fig. 1 of the Enclosure) a crucible (1) is suspended by molybdenum wires (3) with a coefficient of thermal expansion equal to that of the rods (4). The heating assembly contains a graphite element (5), a quartz or graphite screen (6), a water-cooled case (7), and a thermocouple (8). The joints in the case are sealed with rubber gaskets (10). A movable bar (12) operates through a Wilson joint (11) and is connected to an external micrometric adjuster (13). One of the rods (4) is

ACCESSION NR: AP4035096

connected to the case and the other to an ohimmeter (lh). The circuit is closed when the rods reach the metal. To prevent melting of the rods, they are kept from touching the molten metal by bearing against an alundum boat (15) with its bottom either covered with molybdenum foil or rubbed with graphite. Before starting the operation, the apparatus is evacuated to 10⁻² mm Hg and is filled with an inert operation, the crucible is graduated for volume at room temperature. Density detergas. The crucible is graduated for volume at room temperature obtained by minations of molten iron and silicon produced values close to those obtained by other methods. Orig. art. has: 1 figure.

ASSOCIATION: Institut metallurgii Ural'skogo filiala Akademii nauk SSSR (Metallurgical Institute, Ural Branch, Academy of Sciences SCIR)

SUBMITTED: 00

DATE ACQ: 20Mayol

ENCL: 01

SUB CODE: MM

NO REF SOV: OOL

OTHER: 001

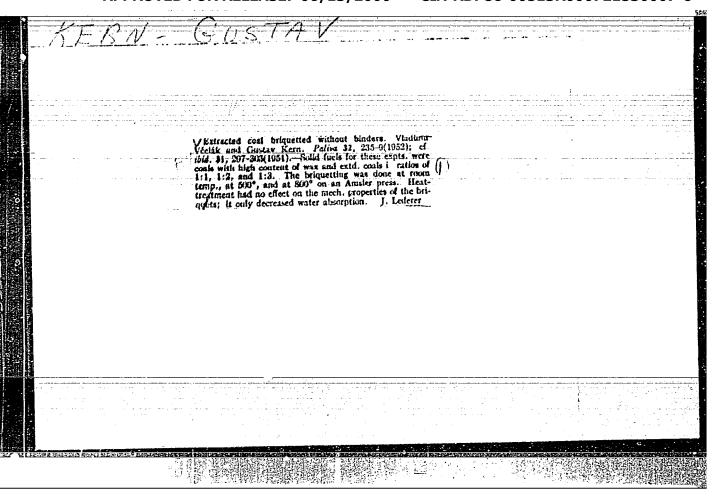
Card 2/3

CHOJECKI, Zygmunt; KERN, Fred

Effect of experimental liver cirrhesis and of CCl-4 intoxication on glucuronic transferase activity in rat livers. Polskie arch. med. wewnetrs. 31 no.2:147-160 *61.

1. Z Department of Internal Medicine, University of Celerado School of Medicine, Denver. U.S.A. Kierewnik: prof. dr G. Meiklejoha.

(LIVER CIRRHOSIS exper) (CARBON TETRACHLORIDE toxicol)
(TRANSFERASES metab) (LIVER metab)

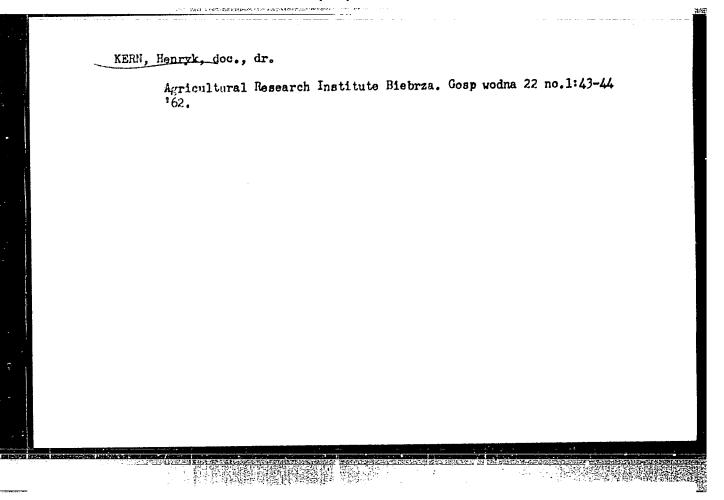


KERN, G.

VCELAK, V., KERN. G.

" Briquetting Powdery Iron Ores." p.6. (Rudy, Vol.1, Ne.1, Feb. 1953, Praha.)

SO: Monthly List of East European Accessions, Vol.3, No.3; Library of Congress, March 1954, Uncl.



KERN, Henryk, prof., dr.

Physiography of meadows in the Opatowka valley considering the erosion dynamics of the catchment area on the losss in the district of Sandomierz. Gosp wodna 22 no.1:44 162.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

KERN, Jozef, inz.

Analysis of the influences on time consumption in timber hauling by tractors. Les cas 10 no. 4:371-400 Ap 164.

1. Research Institute of Forestry, Banska Stiavnica, Research Station Oravsky Podzamok.

KERN, Jozef, inz.

Fuel consumption in hauling timber by the TDT-40 tractors.

Les cas 9 no. 11: 1049-1060 N '63.

 Vyskumny ustav lesneho hospodarstva, Banska Stiavnica, Vyskumna stanica Oravsky Podzamok.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

A MANAGEMENT OF THE PROPERTY O

KERN, Jozef, inz.

Extension of winch rope into the stands; the most straining operation of timber logging and possibilities of making it easier. Les cas 9 no.10:931-940 0 '63.

1. Vyskumny ustav lesneho hospodarstva, Banska Stiavnica, Vyskumna stanica Oravsky Podzamok.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

KERN, Josef, inz.

Full-tree skidding of conifer timber by the TDT-40 and Zetor 50 Super tractors. Les cas 10 no.11:971-986 N '64.

1. Research Institute of Forestry, Banska Stiavnica, Research Station Oravsky Podzamok.

CIA-RDP86-00513R000721530007-6 "APPROVED FOR RELEASE: 06/13/2000

KERN

RUMANIA/Microbiology - General Microbiology .

F-1

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67054

Author

: Teitel, M., Kern. L., Constantin. St.

Inst Title

: The Yourans' Culture Medium with Egg Yolk for Innoculations

in the Diagnosis of Tuberculosis.

Orig Pub : Ftiziologia, 1957, 6, No 6, 549-553

Abstract : No abstract.

Card 1/1

	Structure of production costs and the application of bonus scales to engineering and technical workers and employees of enterprises. Biul. nauch. inform.: trud i zar. plata 4 no.1:31-35 '61. (MIRA 14:3) (Leningrad—Machinery industry—Costs) (Bonus system)
कार्य अध्योजनसम्बद्धिय	

Norms for issuing funds for wages when the production plan is overfulfilled. Biul.nauch. inform.: trud i zar. plata 4 no.8:

(MIRA 14:10)

20-24 '61.

(Leningrad Province-Wages-Machinery industry)

KERN, V.G.

AID P - 2187

Subject

: USSR/Medicine

Card 1/1

Pub. 37 - 7/19

Authors

: Yakovlev, B. V. and Kern, V. G.

Title

: Use of aerosols obtained by means of compressed air for

the disinfestation of passenger cars

Periodical: Gig. i san., 5, 32-34, My 1955

Abstract

: A method is described and recommended for the extermination of insects in passenger cars by means of DDT solutions. The compressed air, which is used for the testing of brakes and is always available in railroad switch yards, transforms these solutions into foggy substances. cars are sprayed with these DDT aerosols which kill the insects and do not cause any material damage. This disinfestation method is used now on the Oktyabr'skaya (October) Railroad. Six Russian references (1949-1951).

Institution: Medical and Epidemiological Station of the Oktyabrickaya

(October) Railroad

Submitted

: Ap 21, 1954

CIA-RDP86-00513R000721530007-6" APPROVED FOR RELEASE: 06/13/2000

Experience in desinfection of surfaces with chloramine aerosols.

Zhur,mikrobiol.epid. i immun. 27 no.4:112-115 Ap *56. (MIRA 9:7)

1. Is doreshnoy i Leningrad-Moskovskoy sanitarno-epidemiologicheskoy stantsii Oktyabr'skoy zhelesnoy dorogi.

(CHLORAMIDE

aerosols for disinfection of surfaces)
(DISINFECTION AND DISINFECTANTS
surfaces, with chloramine aerosols)
(AEROSOLS
chloramine for disinfect.)

KERN, V. G., YAKOVLEV, B. V.

"Experience of the use of aersols obtained by means of compressed air for the disinsectization and disinfection of surfaces."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

YAKOVLEV. B.V.; KERN, V.G.

Disinfectant properties of chloramine solutions as related to the degree of atomization; author's abstract. Zhur.mikrobiol., epid.i immun. 30 no.11:119 N 159. (MIRA 13:3)

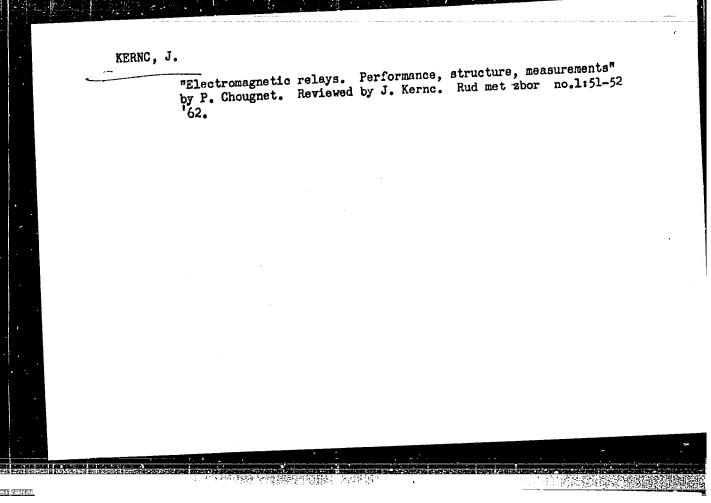
1. Iz Dorozhnoy sanitarno-epidemiologicheskoy stantski Oktyabriskoy zheleznoy dorogi.

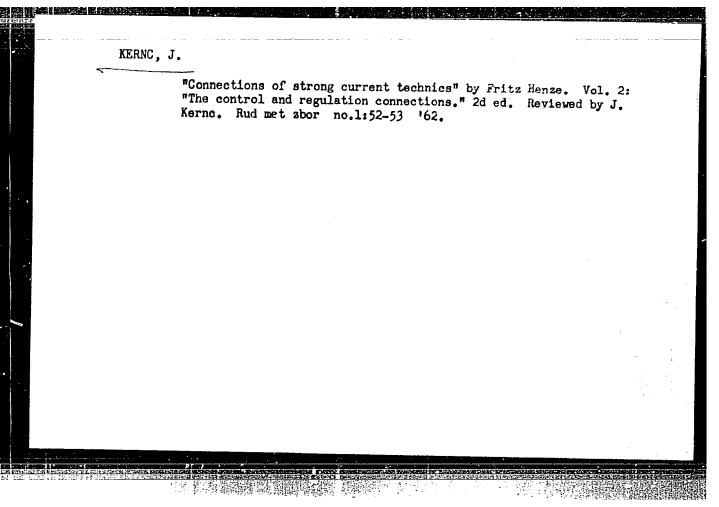
(CHLORAMINE)

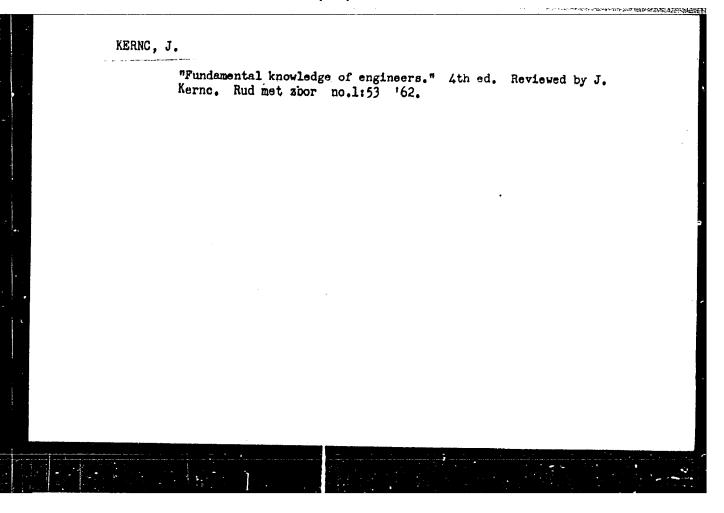
АРРВОМЕР БОВ В 15000721530007-6"

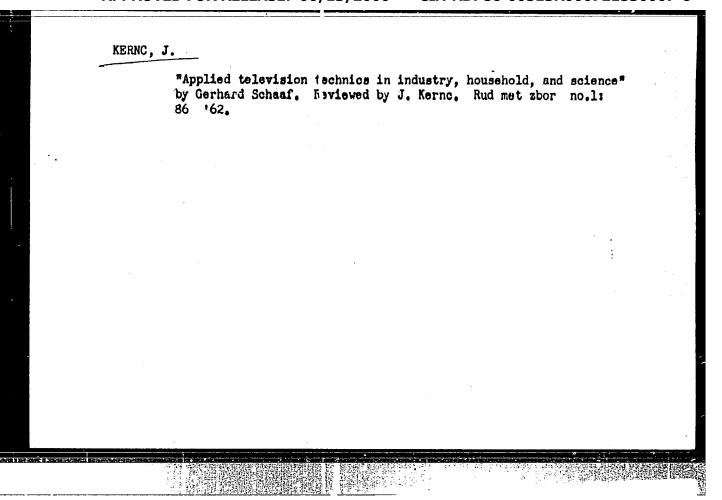
Connection of the nervous system of the mother and fetus and the neurophysiology of labor. Akush.i gin. 35 no.5:15-22 S-0 '59. (MIRA 13:2)

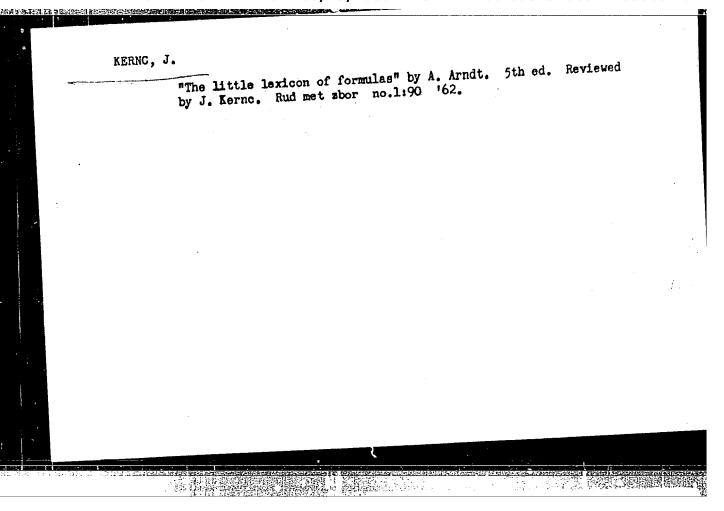
(PREGNANCY, physiol.) (FETUS, physiol.) (LABOR, physiol.)

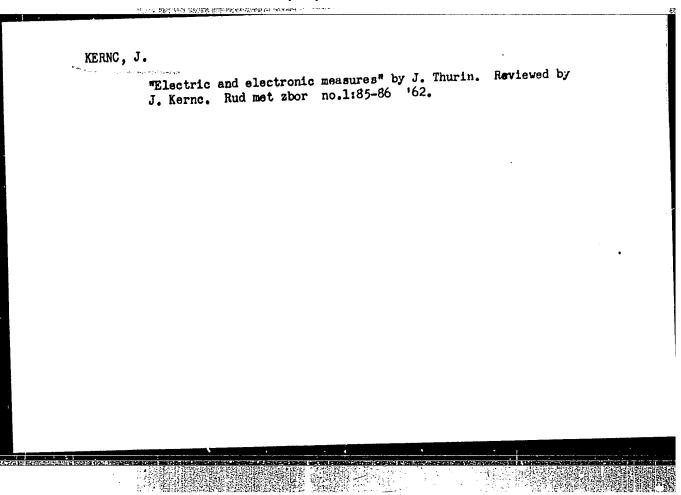


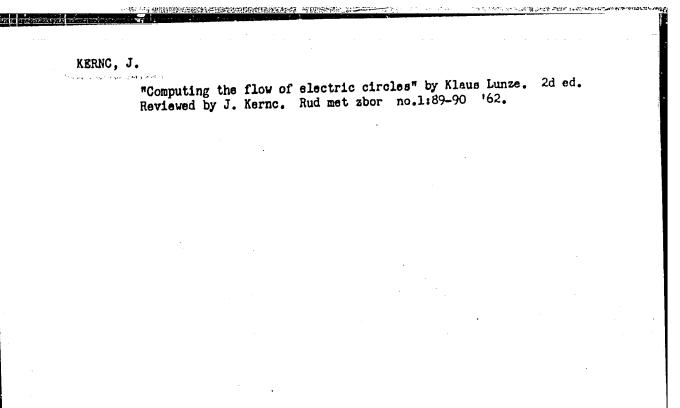


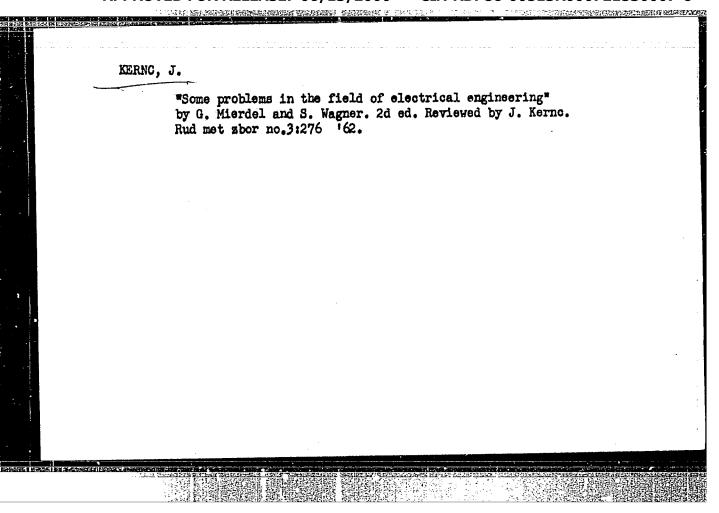


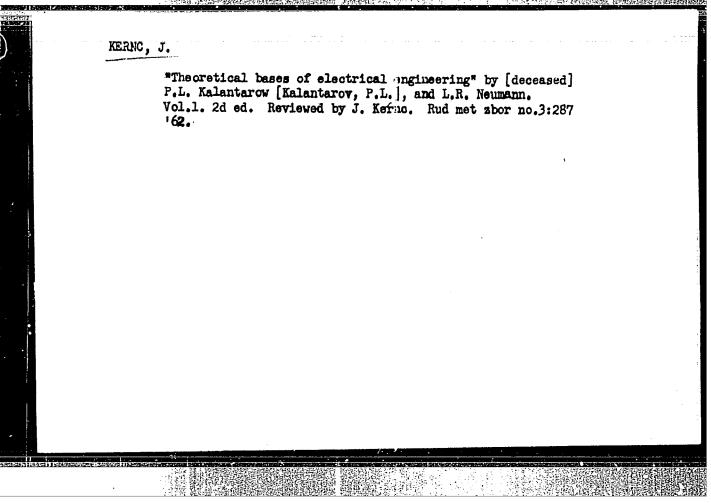










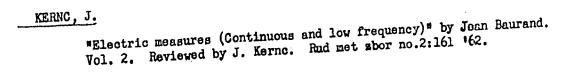


KERNC, Janko, inz.

Bases of the automatic steering of conveying machinery. Rud met 2bor no.2:151-159 '62.

1. Oddelek za montanistiko Univerze v Ljabljani, Askerceva 20.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"



K. Cazafura; PAVKO, D.; SIRCA, F.; KERSNIC, Viktor, prof. dr. inz.; KOSAK, K.; GRAFENAUER, S.; PODGORNIK, A.; KERNC, J.; DOBOVISEK, Bogomir, docent, dr. inz.; OCEPEK, Drago, docent, dr. inz.; HOMAN, A.; MARCEC, M.; RANKEL, J.; CRNIVEC, M.; SMAJIC, N.; CUCEK, I.; KERSNIC, V., ml.; VODOPIVEC, F.

New books. Rud met zbor no. 2:144-187 163.

THE COME SECTION AND THE PROPERTY OF THE PROPERTY OF

- 1. Glavni urednik, "Rudarsko-metalurski zbornik" (for Viktor Kersnic).
- 2. Clani Uredniskega odbora, "Rudarsko-metalurski zbornik" (for Dobovisek and Ogepek).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

SIRCA, F.; DOBOVISEK, Bogomir, docent, dr. inz.; GRAFENAUER, S.; KOSOVINC, I.;

HAMRIA, B.; VODOPIVEC, F.; KUSCER, D.; KERNC, J.; DROBNE, F.;

PAVKO, D.; CAZAFURA, K.; TURK, St.; OCEPEK, Drago, docent, dr. inz.;

ROSINA, A.; ZUMER, M.; SOVINC, I.

New books. Rud met zbor 4:431-457 '63.

1. Clanovi Uredniskega odbora, "Rudarsko-metalurski zbornik" (for Dobovisek and Ocepek).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

PAULIN, A.; OCEPEK, D.; CAZAFURA, K.; KUSCER, D.; VODOPIVEC, F.; SOVIEC, I.;
PAVKO, D.; JURGA, S.; KERSNIC, V.; DRNOVSEK, J.; GRAFENAUER, S.;
KERNC, J.

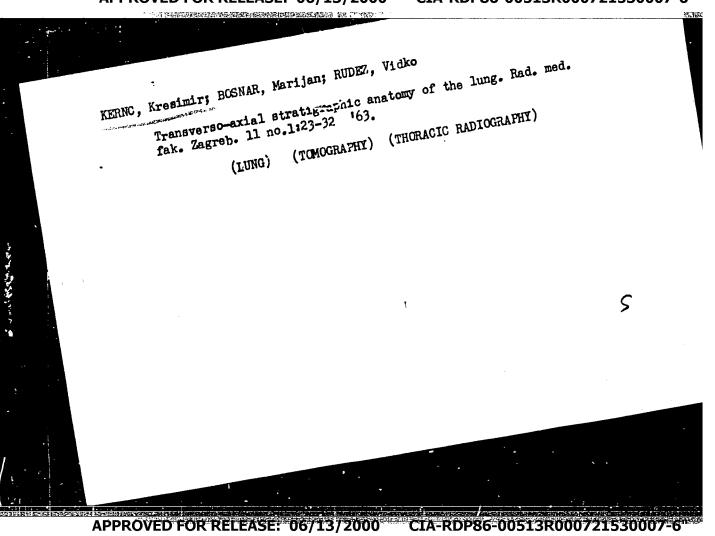
New books. Rud met sbor 3:307-334 164.

KERNC, Kresimir; BOSNAR, Marijan; RUDEZ, Vidko

Transverso-axial stratigraphic anatomy of the lung. Rad. med. fak. Zagreb. 11 no.1:23-32 '63.

(LUNG) (TOMOGRAPHY) (THORACIC RADIOGRAPHY)

5



BORIC, Dragica, dr.; KERNC, Kresimir, dr.

Comparative clinical studies on oral cholecystography with triiodinated and diiodinated contrast media. Lijecn. vjesn. 83 no.3:231-238 61.

1. Iz Zavoda za radiologiju Opce bolnice dra M. Stojanovica u Zagrebu.
(CONTRAST MEDIA) (CHOLECYSTOGRAPHY)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

BASIC, Marko, dr.; KIRHMAJER, Vladimir, dr.; KERNC, Kresimir, dr.

Our experience in the treatment of malignant ovarian tumors.
Idjecn vjesn. 85 no.1:15-20 "63.

1. Tz Zavoda za radiologiju Opce belnice "Dra M. Stojanovica"
u Zagrebu.

(OVARIAN NEOPLASMS) (SURGERY, OPERATIVE)
(NEOPLASM RADIOTHERAPY) (NEOPLASM STATISTICS)

KERN-JEDRZYCHOWSKI, T.

(MOTORYZACJA, Vol. 6, No. 12, Dec. 1953, Warszawa, Poland)
"To consideration of the methods of exploitation planned for the year.1954."
p. 333.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

WERRIL-JUDITION OF A Truck Driver." p. 43, (MOTORIZACJA, Vol. 9, No. 2, Feb. 1954, Marszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KERNC, J.

On inductive heating and its use for tempering and soldering. p. 372. (Nova Proizvodnja. Vol. 7, no. 6, Feb. 1957, Yugoslavia)

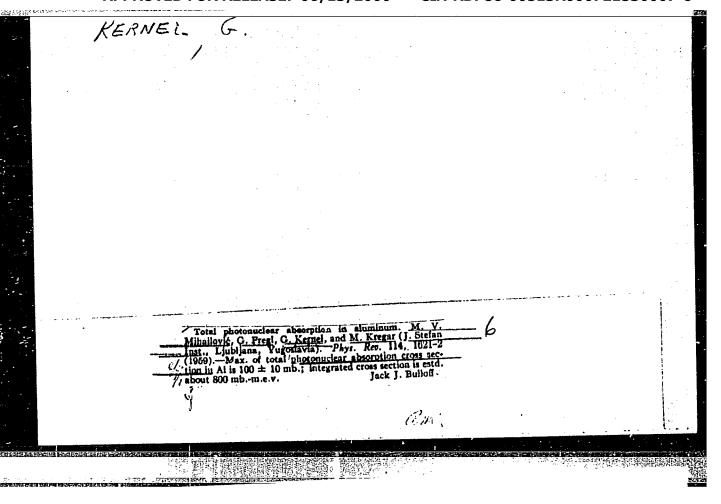
SO: Monthly List of East European Accessions (EEAL) LS, Vol. 6, no. 7, July 1957, Uncl.

KERNC, Kresimir

Significance and role of sagittal layers in diagnostic examination of the lung. Rad. med. fak. Zagreb 8 no.3:261-276 160.

(LUNG DISEASES diag)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"



KROMPECHER, St.; LEIKES, Gy.; GAIAMB, B.; KERNER, A.

Effect of dietary intake of egg shells on blood formation. Acta
physiol, hung. 11(Suppl):68-69 1957.

1. Institut fur Anatomie, Histologie und Embryologie der Medizinischen
Universitat, Debrecen.

(ENGS

egg shell, eff. of dietary intake on erythrocyte form.
in rats (Ger))

(ENTYPHROCYTES

form., eff. of dietary intake of egg shells in rats (Ger))

IODY, Maszlo, Dr.; KROMPECHER, Istvan, Dr.; LELKES, Gyorgy, Dr.; MESZAROS, Majos, Dr.; KERNER, Aurelne

Effect of eggshell feeding on blood formation in children. Orv. hetil. 99 no.6:192-194 9 Feb 58.

1. A Myirbatori Allami Gsecsemootthon (vezeto-foorvos: Lody Laszlo dr.) eg a Debreceni Orvostudomanyi Egyetem Anatomiai, Szovet- es Fejlodestani Intezetenek (igazgato: Krompecher Istvan dr. egyet, tanar) kozlemenye.

eggshell feeding inducing increased erythropoiesis in child. (Hun))

(ERYTHROCYTES

form., increase induced by eggshell feeding of child. (Hun))

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

L 17778-63 RM/WW/MAY	EPR/EUP	(j)/EPF(c)/SWT(m)/BDS	AFFTC/ASD	Pa-4/Po-1/Pr-1	
i i	R: AP3005854		S/0051/63/	/015/002/0274/0280	16
AUTHOR: Ave	rina, L.N.; Kerne	er, B.I.; Nikulina, R.	A.; Sokolovsk	aya T. I. :Tsirlin y	72
TITLE: Light	t collection in a	cintillators			
SOURCE: Cpti	ika 1 spektroskog	oiya, v.15, no.2, 1963	, 274-280		
		ight collection, scin			
one face of produced by coefficient for designing Fresnel refleacount (refleather). The	ricient is define the scintillator the scintillation index or efficient scine ection from the plections from the results of school results	derived for the light of h polished surfaces and ed as the ratio of the and entering the photons in the volume of the frefraction n. Knowl tillators and evaluating lass face of the photons top and bottom ends alations by means of tways: 1) modelling, u	or no packaging radiant enerth comultiplier is scintillated. edge of t is ang their over comultiplier to f the cylind	rg, The light-col- rgy emerging throughto the total energy or with an absorption obviously importantial efficiency. Tube is taken into	h on t
	The second secon				
			AND SECULO S		
					HILLIAN

L 17778-63

ACCESSION NR: AP3005854

glycerol into which there was lowered a glass sphere with a persistent phosphor, and 2) measurements with standard plastic scintillators xpolystyrene + terphenyl + + POPOP) 20 mm in diameter and of different heights, irradiated from an alpha-particle source. The experimental variation of t with the height of the scintillator cylindar is consistent with the calculated dependence. Thus, the deduced formulas can be used for qualitative design calculations as well as for quantitative evaluations if the basic parameters of the scintillator material are known. We thank L.L. Nagornaya for supplying the optical characteristics of the plastic and V.L.Timman for programming the necessary computations on a computer. Orig. art. has: 28 formulas and 8 figures.

ASSOCIATION: none

SUBMITTED: 200ct62

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: PH

NO REP SOV: 005

OTHER: 002

Card 2/2

TOISTOV, Mikhail Alekseyevich; KWENNE, D.B., inzhener, retsenzent; KUVSHIN-SKIY, V.V., kondidat tekhnicheskikh nauk, redaktor; DUGINA, W.A., tekhnicheskiy redaktor

[Pneumatic and pneumatic-hydraulic attachments] Pnevmaticheskie i

pnevmogidravlicheskie prisposoblenia. Ind. 2-oo, dop. i perer.

Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956.

(MIRA 10:4)

(Machine tools--Attachments)

KUBIAK, Marian; KERNER, Gunter

Changes of some physical properties, compression strength and chemical composition of beechwood in the initial stage of decomposition by fungi Coniophora cerebella Pers. and Stereum hirsutum Willd. Drevarsky vyskum no.4:181-193 '63.

1. Institut fur Forstnutzung, Landwirtschaftliche Hochschule, Poznan (for Kubiak). 2. Institut fur physikalische Holztechnologie und Chemisches Institut fur Forstwirtschaft, Eberswalde (for Kerner).

S/194/62/000/002/008/096 D230/D301

AUTHOR:

Kerner, Immo O.

TITLE:

Automatic digital computer "ZRA1"

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-1-61b (Nemetskiy export, 1961,

no. 15, 20-21)

TEXT: Description of the first digital computer ZRA1, released in batch production by the State Concern Karl Zeiss, Jena (E. Germany). All logical circuits of the control unit are ferrite circuits. The circuit of a logical element consists of two core-transmitters and a core-receiver. Each of the core-transmitters can exist in condition 0 or 1. The core windings are so designed that the circuit contains the resistance of the transmitter circuit. ZRA1 is provided with a magnetic drum of 4096 cell capacity; drum rotation velocity 11,600 rpm, mean selection time 0.25 millisec. The device for feeding the perforated cards processes 80 cards per minute. Since the number or the command is contained in each line of the

Card 1/2

enganyakan basai kasasasasasas arabbahar

Automatic digital computer ZRA1

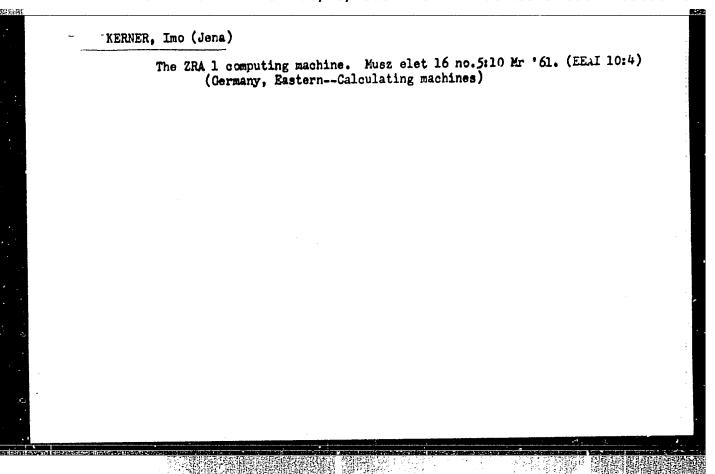
S/194/62/000/002/008/096 D230/D301

card, the magnetic drum can be filled within 4 minutes. The output results are printed by means of a mechanical device. ZRA1 operates on a double computing system. The scaling of numbers from one computing system to another is accomplished by means of a sub-program. The cell contains 48 double classes, specially subdivided for numbers and for instructions. The instruction presentation is performed by 4 groups of numbers, 3 classes in each. The following groups are considered: Computing, analytical, transmitting and address. Observing certain conditions, these 4 groups can be combined in almost any way, thus providing the registration of a larger number of commands. All 4 groups operate almost always in parallel. Because of this, for processing, say, 150 instructions, the effective speed of operation is 600 per sec. In carrying out the computing operations it is assumed that the first number of the operation is always in the register of results and the second number in one of the eight high-speed memory systems. There exists a great number of sub-programs for ZRA1; frequently, compiled systems are also processed with double accuracy using automatic programming. / Abstracter's note: Complete translation. 7

Card 2/2

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

SANTON CONTROL OF THE PROPERTY OF THE PROPERTY



KERNER, J

"Struggling for a Better Quality of Industrial Products." p. 361 (ELEKTROTECHNICKY*
OBZOR, Vol, 4?, No.7/8 July/Aug. 1953, Praha, Czechoslovakia)

SO: Honthly List of East European Accessions, LC., Vol. 3, No. 5 May 1954, Unclassified

KERNER, J.

Short-Circuit Laboratory of the Research Institute of Heavy-Current Engineering increases the quality of electrotechnical production. p. 347.

ELEKTROTECHNIK

Vol. 10, no. 11, Nov. 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

GARAMVOLGYI, N.; KERNER, J.; CSER-SCHJLTZ,M.

The cross striation of the insect flight muscle at different sarcomere lengths. Acta physicl. acad. sci. Hung. 24 no.4: 381-390 *64

1. Institute of Biophysics, Medical University, Pecs.

Missin of

hammy the A. I., Kerding, co; Institute of hispayeres, wedicol onlyersity (Gryostudomony) Egyatem Blortziksi Incasete,, 1000

colection wherescopic levelthetions of the becalization of almorals in the tross-atriated muscle ribril.

Baday sat, acts from Storics Academics Scientieron Horrard-

The localization of inorganic substances in the was studied by microincideration of Fig. Pipplis sollowed by electron microscopic study. Acst of the ash as found in the A-band, a study of stretuned the introduce fibrile resulted in the suggestion that the introduce substances in the fibril may be shifted as s readly of the changes in the junctional state of the libert, of al references, about one-third are sengarism and two-thirds are begtern.

171

Electron microscopic investigations into the localization of minerals APPROVED FOR REPASE! 06/13/2000

in the cross-striated muscle fibril. Acta physiol. acad. sci. hung. 22 no.3/41249-257 162.

1. Institute of Biophysics, Medical University, Pecs. (MAGNESTUM) (POTASSIUM) (CALCIUM) (MUSCLES)

International cooperation of socialist countries in the fine mechanics industry. Jemma mech opt 5 no.12:357-360 D '60.

1. Ministerstvo vseobecneho strojirenstvi, Praha.

538

PHASE I BOOK EXPLOITATION

Kerner, M.S., Engineer

Poluavtomaticheskaya svarka elektrozaklepkami (Semiautomatic Method of Electric Plug Welding) Leningrad, 1955. 13 p. (Series: Leningradskiy dom nauchno-tekhnicheskoy propagandy. Informatsionno-tekhnicheskiy listok, no. 94 /782) 7,000 copies printed.

Sponsoring Agencies: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy, and Leningradskiy dom nauchnotekhnicheskoy propagandy.

Ed.: Ryzhik, Z.M.; Tech. Ed.: Gvirts, V.L.

PURPOSE: This pamphlet is intended for welders.

The pamphlet presents a brief description of two semiautomatic welding guns, one intended for submerged arc plug welding in horizontal position, the other for electric plug welding in vertical position using flux disks. Detailed drawings of these two welding guns and diagrams of electric circuits are Card 1/2

CIA-RDP86-00513R000721530007-6" APPROVED FOR RELEASE: 06/13/2000 538

Semiautomatic Method of Electric Plug Welding

included. The author designed these two units with the aid of N.V. Kornil'yev. There are no references.

TABLE OF

CONTENTS: None

AVAILABLE: Library of Congress

Card 2/2

JG/ad 9-10-58 KERNER, Mendel Shulo Vich

DREYZENSHTOK, Zundel' Berisovich; KERNER, Mendel' Saulovich; DORMIDONTOV, Y.K.,

redaktor; KONTOROVICY, A.I., tekhnicheskiy redaktor.

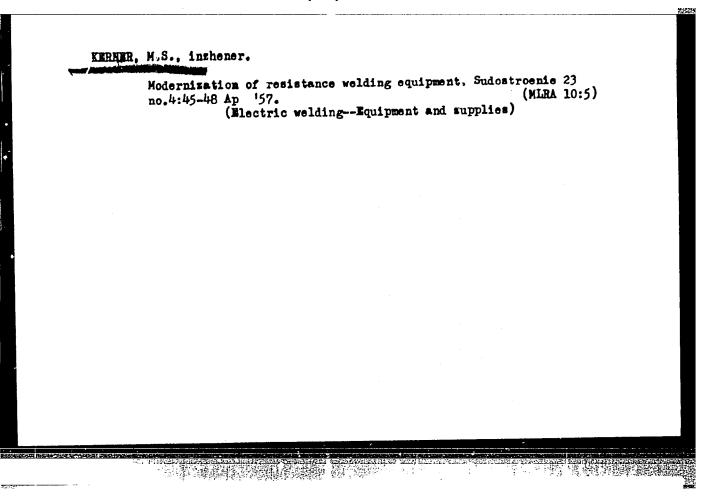
[Semiautomatic electric arc welding of dowels and electric plug welding] Poluavtomaticheskaia elektrodugovaia privarka shpilek i svarka elektromaklepkami. Leningrad, Gos. soiumnoe imd-vo sudc-stroit. promyshl., 1955. 23 p.

(Electric welding)

KERNER, M.S., inghener.

Semiautomatic arc welding of dowel pins with built-up flux washers. Sudostroenie 22 no.10:33-35 0 '56. (MLRA 10:2)

(Electric welding)



918

PHASE I BOOK EXPLOITATION

Kerner, Mendel' Saulovich

Primeneniye novykh tekhnologicheskikh protsessov svarki (Application of New Welding Techniques) Leningrad Sudpromgtz, 1958. 132 p. 3.500 copies printed.

Resp. Ed.: Korobov, P. D.; Ed.: Kuskova, A. I.; Tech. Ed.: Shitkova, L. M.

PURPOSE: This booklet is intended for welders, design engineers, and other technical personnel working in the field of shipbuilding.

COVERAGE: The booklet presents an account of plant experience with various types of electric-arc and resistance welding. Various types of automatic and semiautomatic welding equipment and welding techniques are described. The following personalities took part in developing and introducing various welding techniques:

Card 1/5

AMPEROMED FOR RELEASE 106/19/2000 CIA-RDP86-00513R000721530007-6"

F. B. Dreyzenshtok, P. D. Korobov, A. D. Sidorov, N. V. Kornil'yev, M. S. Kerner, Yu. V. Komissarov, A.S. Felikson, M.A. Antipov, F.T. Novikov, P.A.Alekseyev, and V.V. Men'shenin. The author thanks engineer D.I. Vaynboym for his valuable comments on the manuscript. There are 9 Soviet references.

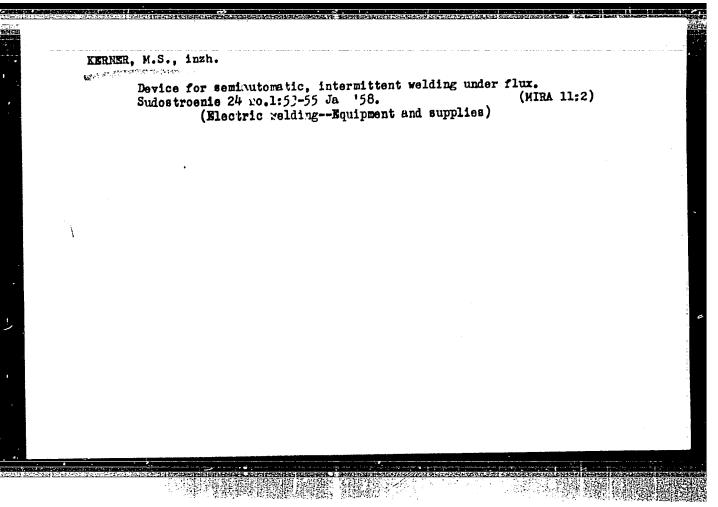
TABLE OF CONTENTS:

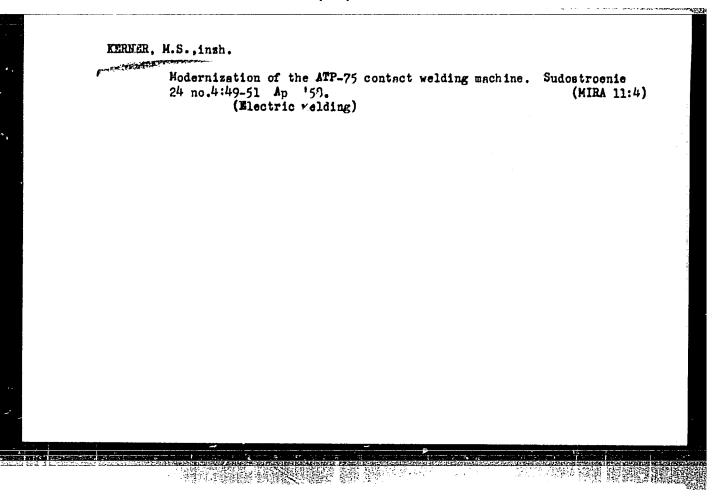
From the author

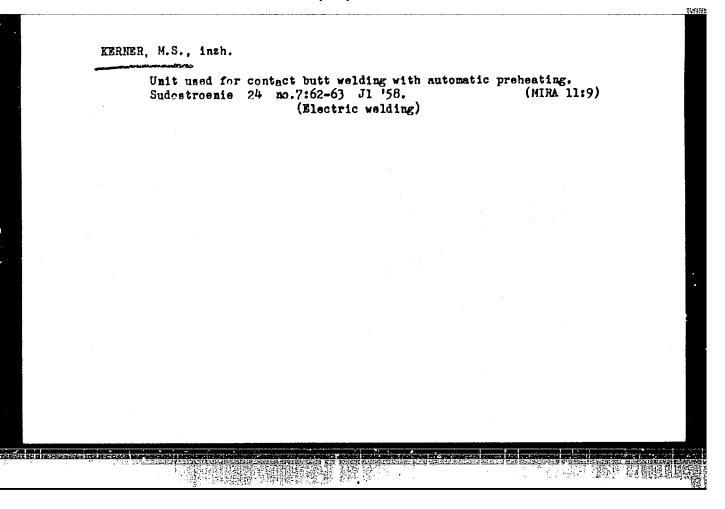
PART I. ELECTRIC-ARC WELDING

Ch. I. Semi-automatic Electric-erc Welding Equipment 1. Stud-welding equipment 2. Classification of plug-welding equipment 3. Equipment for plug welding in vertical plane 4. Equipment for continuous and interrupted welding			
Ch. II. Automatic Electric-arc Welding Equipment 5. Machines for assembly and welding of T-beams 6. Equipment for welding of fittings to steel pipe 7. Equipment for welding of cylindrical containers	18 18 29 33		

Card 2/5







25(1)

507/135-59-5-13/21

AUTHOR:

Kerner, M.S., Engineer

TITLE:

Saving Acetylene in Steel-Cutting

PERIODICAL:

Svarochnoye proizvodstvo, 1959, Nr 5, pp 32-34 (USSR)

ABSTRACT:

The article describes how workers from the Otdel svarki Leningradskogo zavoda im. A.A. Zhdanova (Welding Section of the Leningrad Plant imeni A.A. Zhdanov), the author of the article and Senior Engineer N.V. Kornil'yev have proposed and introduced a method of saving acetylene in oxy-acetylene steel cutting by automatically-reducing the amount of acetylene supplied to the flame when the cutting oxygen is turned on after the metal has been heated to ignition point. It is shown how reduction of the acetylene consumption from 2630 to 140 liters per hour reduces the effective output from 2190 to 340 calories per second thus increasing the efficiency of the flame from 26 to 77% (according to the data of N.N. Rykalin and M.Kh. Shorshorov). VNIIAVTOGEN also showed that the most effective oxygen - acetylene relationship when heating up solid surfaces is 1.7. Descrip-

Card 1/2

SOV/135-59-5-13/21

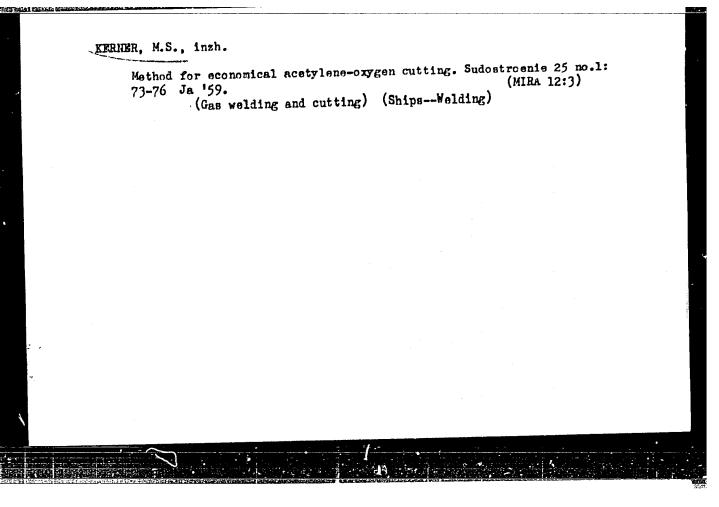
Saving Acetylene in Steel-Cutting

tions are given of an electro-magnetic valve for economical oxy-acetylene cutting submitted by N.V. Kornilov and a mechanical valve attachment designed by gas welder V.V. Panov. Table 1 shows data on the saving of acetylene when different sizes of nozzles designed by VNIIAVTCGEN are used. When this method was introduced into the plant, 50-60% of acetylene was saved in cutting steel 22 mm thick. The annual saving was 28,500 cubic meters. The method would save about 500,000 rubles annually. There are 3 diagrams, 2 graphs, 3 tables and 3 references, 2 of which are Soviet and 1 German.

ASSOCIATION:

Leningradakly zavod im. A. A. Zhadanova (Leringrad Flant imeni A. A. Zhadanov)

Card 2/2

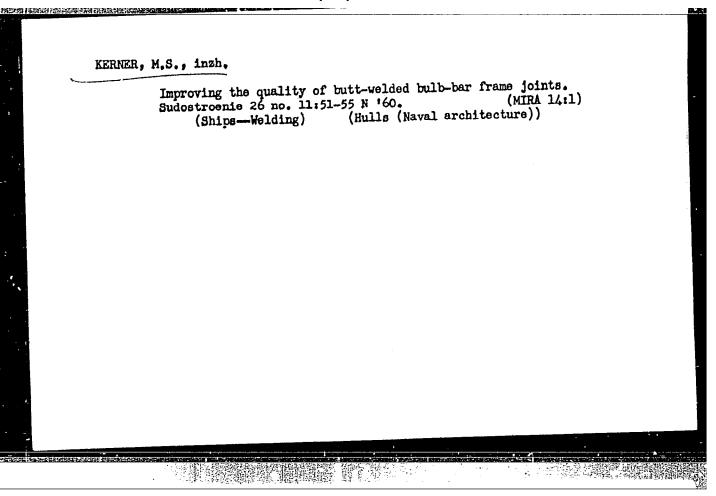


KOROBOV, P.D., insh.; KERNER, M.S., insh.

Manufacturing welded superstructures using aluminummagnesium alloys. Sudostroenie 25 no.5:47-53 My '59.

(Bhips--Welding) (Aluminum-magnesium alloys)

(Bhips--Welding) (Aluminum-magnesium alloys)



KERNER, Mendel' Saulovich; LEVCHENKO, Ya.V., inzh., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn.red.

[Joining of linoleum sheets by means of welding] Soedinenie listov linoleuma svarkoi. Leningrad, 1961. 9 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroicel'naia promyshlennost', no.15)

(MIRA 14:9)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

(MIRA 1419)

DZHIVAGA, Ivan Ivanovich; KERNER, M.S., retsenzent; ABRAMOVICH, V.R., retsenzent; RUSSO, V.L., retsenzent; ISKOZ, B.B., nauchnyy red.; LISOK, E.I., red.; KRYAKOVA, D.M., tekhn. red. [Electric arc welding of nonferrous metals and alloys] Elektrodugovaia svarka tsvetnhkh metallow i splavov. Leningrad, Gos. soiuznoe izd-vo sudostroitel'noi promyshl., 1961. 138 p.

(Nonferrous metals-Welding)

ABELISHVILI, G.V.; VASIL'YEV, V.V.; KERNER, N.A.

Underwater antiseepage screening in reservoirs. Trudy Gruz
NIIGIM no.21:309-316 '60. (MIRA 16:1)
(Reservoirs) (Seepage)

ZILAHI, Zoltan, dr.; ALPAR, Gyorgy, dr.; KERNER, Pal, dr.

Lumbar anesthesia with Tetracaine in 250 surgical cases.

Orv. hetil. 104 no.41:1936-1938 13 0 '63.

(ANESTHESIA, SPINAL) (TETRACAINE)

(ANESTHESIA, SPINAL) (CESAREAN SECTION)

(ANESTHESIA, SPINAL) (TETRACAINE) (HYSTERECTOMY) (CESAREAN SECTION) (ADNEXA UTERI) (VULVA) (SURGERY, OPERATIVE)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

ZILAHY, Zoltan, dr.; KERNER, Pal, dr.

Our case of simultaneous intra- and extrauterine pregnancy. Magy.noorv.lap. 27 no.1:35-38 J 164.

1. A XX. ker. Szülo es nöbeteg Korhaz közlemenye.

1.	KERNS	m, s.
2.	USSR	(600)

- 4. Electric Welding
- 7. Examples from contact welding practice, Avtog.delo 24 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

PHASE I BOOK EXPLOTATION

835

835

8

Kerner, S.S.

Ulavlivaniye pylevidnykh otkhodov tverdykh splavov pri zatochke instrumentov (Collecting Hard-alloy Dust Waste in Tool Sharpening) Leningrad, 1955. 6 p. (Series: Leningradskiy dom nauchno-tekhnicheskoy propagandy. Informatsionno-tekhnicheskiy listok, no. 25 /673) 7,000 copies printed.

Sponsoring Agencies: Vsesoyuznoye obshchestvo po rasprostraneniyu politichaskikh i nauchnykh znaniy, Leningradskiy dom nauchno-tekhnicheskoy propagandy.

Ed.: Verzhbinskaya, I.I.; Tech. Ed.: Gvirts, V.L.

PURPOSE: This booklet is intended for engineers working in the field of industrial ventilation and exhaust.

COVERAGE: The booklet describes principles of contruction and rules for operating the MIOT (Moscow Institute for Protection of Labor) dust collecting unit used in sharpening hard-alloy tools. The unit is used not only to maintain clean air but also to recover waste materials for useful purposes,

Card 1/2

CAPPROVE B FOR RELEASE 06/13/2000 CIA-RDP86-00513R000721530007-6" It is claimed that this unit is very effective in recovering material such as tungsten. In 30 percent of total dust collected, the tungsten content was about 22 percent. A complete description and illustration of the above unit is presented. No Table of Contents is given. The subjects discussed are the collowing: 1. Operating Principles, Purpose, and Rules for Operating the MIOT Dust 2 Collecting Unit 2 2. The MTOT-54 Exhaust Hood 6 3. Dust Collectors 4. Appendix: Simplified Method of Determining Tungsten Content in Dust

Wastes Used at the Moscow Machine Tool Building Plant

AVAILABLE: Library of Congress

Card 2/2

GO/jmr 11-10-58

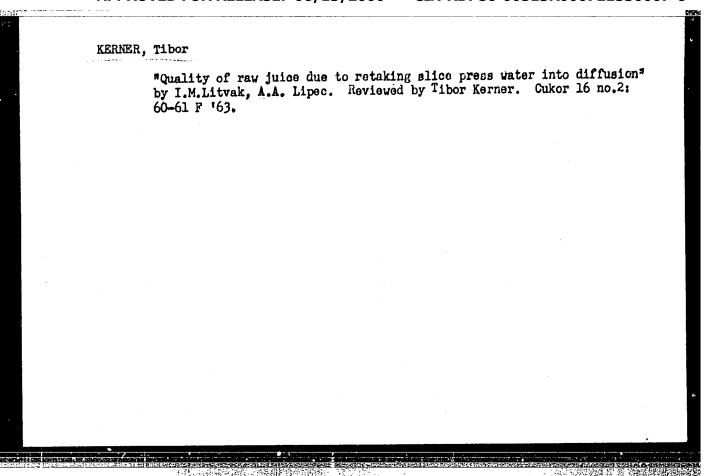
KERNER, Tibor

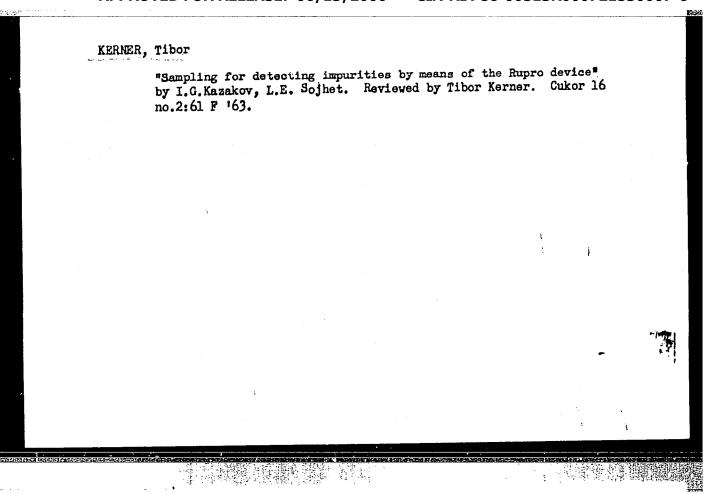
"Mechanization of labor consuming processes in sugar factories" by V.L. Marjancsik [Maryanchik, V.L.], A.V. Budnij [Budniy, A.V.], V.A. Bondarenko. Reviewed by Tibor Kerner. Cukor 14 no.5:3 of cover My 161.

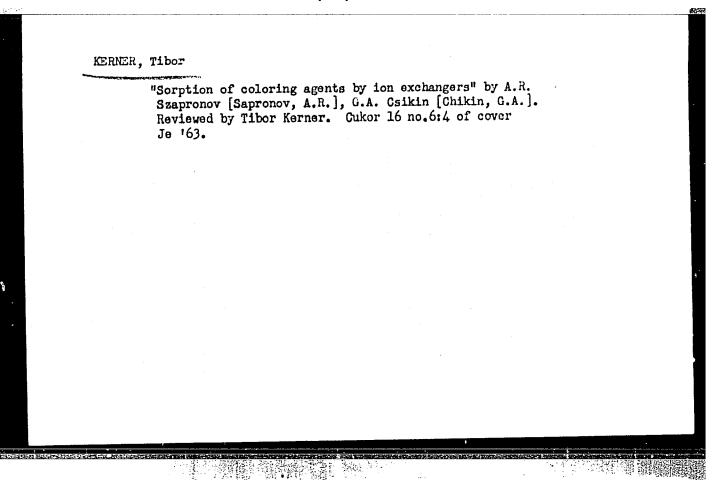
APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

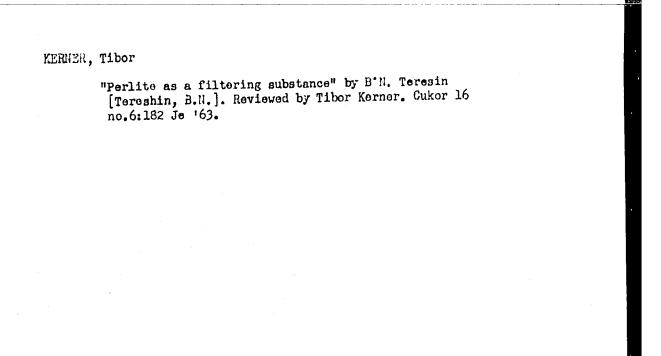
KERNER, Tibor

Mechanization of fuel transportation. Cukor 14 nc. 11:311-312. N '61







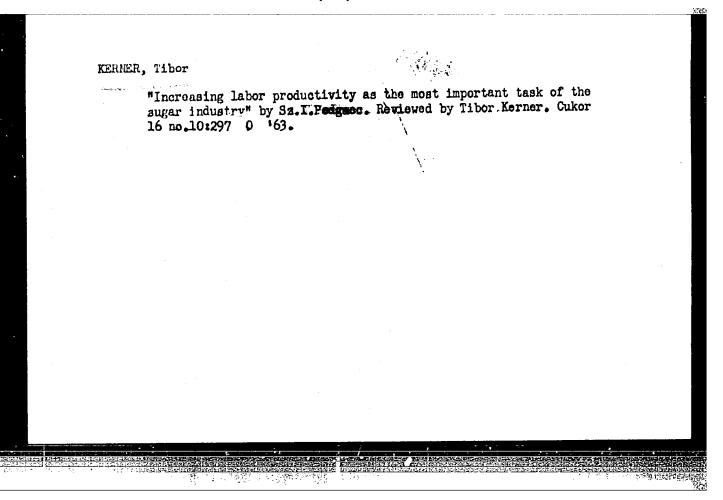


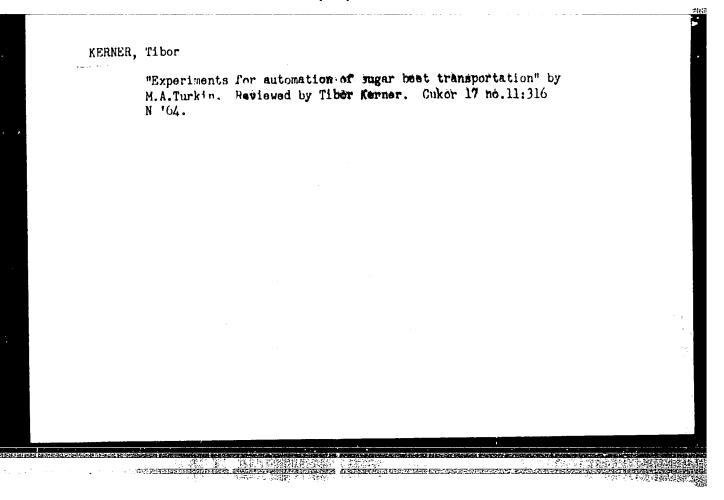
"Steam boiler surface cleaning by soda solutions" by Z.J. Ruvkin. Reviewed by Tibor Kerner. Cukor 16 no.7:213 Jl '63.		

KERNER, Tibor

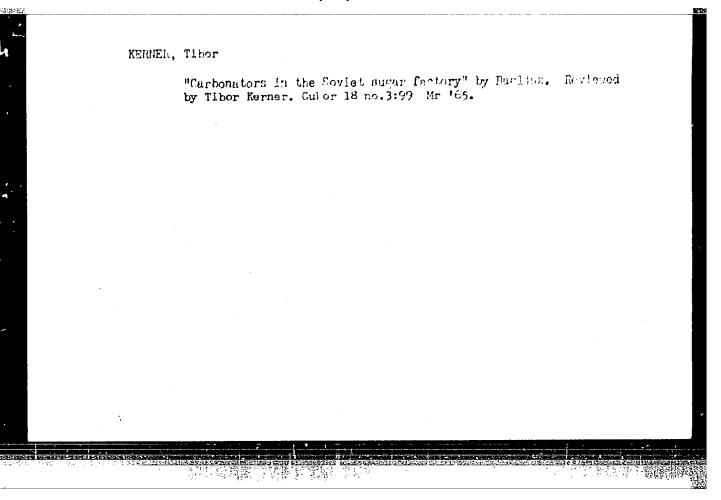
"Hydropneumatic testing of the levels of carbonated juice sedimentators" by V.N.Peletminszkij. Reviewed by Tibor Kerner. Cukor 16 no.10:3 of cover 0 '63.

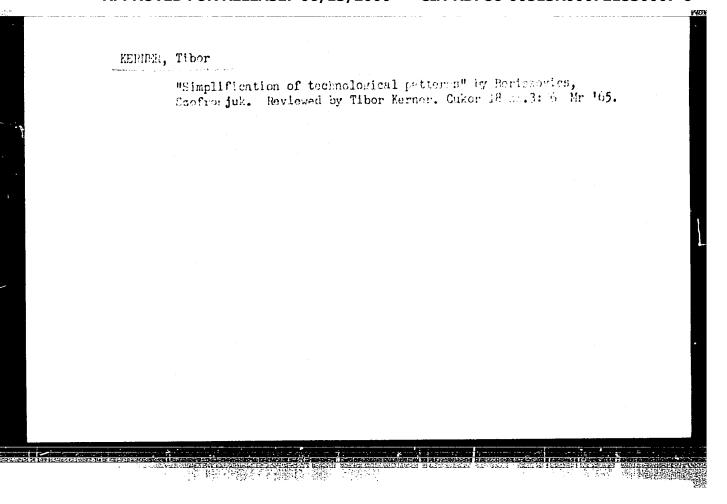
APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

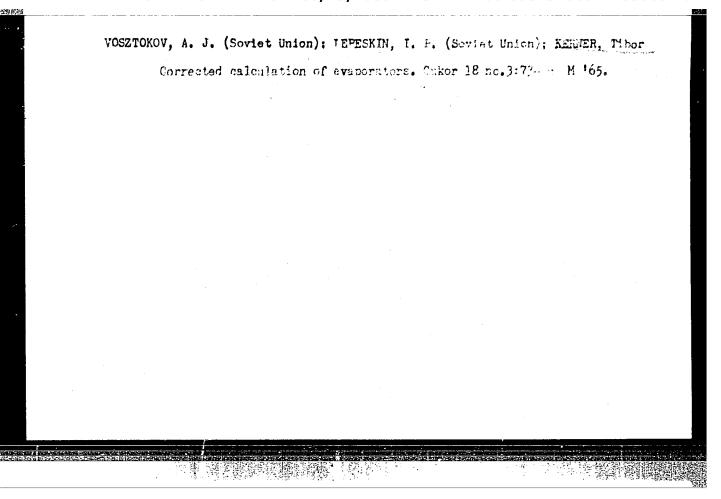




"Rational construction of carbonated juice sedimentation apparatus" by Caugunov. Ravioued by Tibor Kerner. Cuker 18 no.3:88 Mr 165.





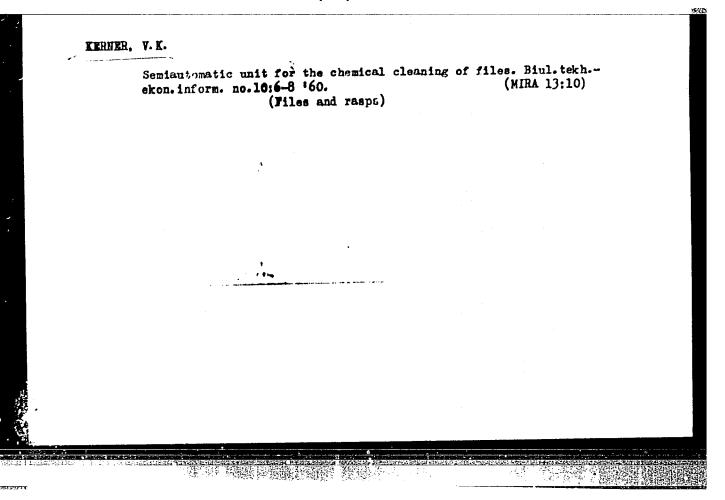


KERNER, Tibor

After the 20th Congress of Hungarian Trade Unions. Munka 13 no.12:17 D:63.

1. 62-es Postahivatal, Budapest.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

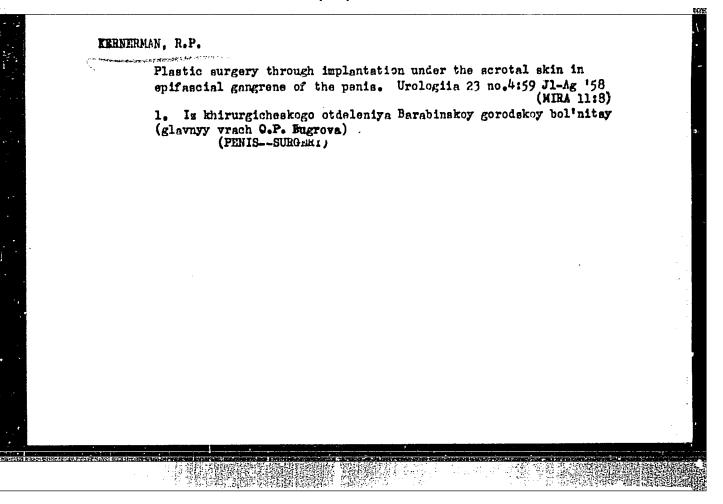


ODUD, Afanasiy Lukich; KERNER, Ye., red.; MANDEL BAUM, M., tekhn.red.

[The Moldavian Soviet Socialist Republic] RSS Moldoveniaske. Kishineu, Editura de stat a Moldovei, 1957. 271 p. (MIRA 12:8) (Moldavia--Physical geography) (Moldavia--Economic conditions)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721530007-6"

· 对于中国的基础的基础的



KERNERMAN, V.

Ways for overall mechanization and automation of ship repair.

Mor. flot 25 no.4:28 Ap '65. (MIRA 18:6)

1. Starshiy inzh. Proyektno-konstruktorskogo i tekhnologicheskogo instituta Kiyevskogo soveta narodnogo khozyaystva.